



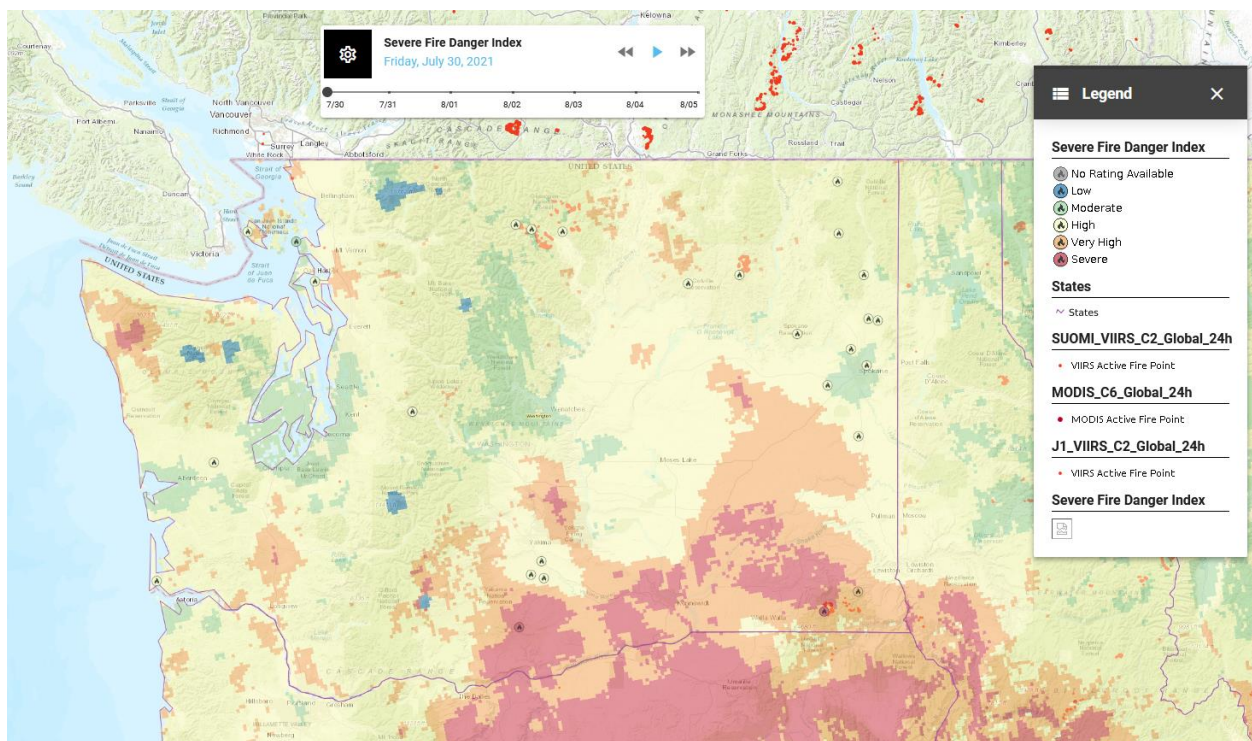
Washington DNR Fuels Status 7/30/2021

Vaughn Cork Fuels Analyst

Narrative:

Eastern Washington –Fire behavior on existing fires was very active yesterday and as indices have increased, it should be expected for fire activity to also increase in general. With hot and dry Still expect very active fires with extreme fire indicators of torching, group torching, long range spotting etc. Expect extreme fire activity, high resistance to control and extended mopup when making tactical decisions. BI and ERC are both at all-time records in Highlands. Lightning is in the forecast for the weekend and into next week. With the early storms especially, expect a high ignition efficiency for any downstrikes.

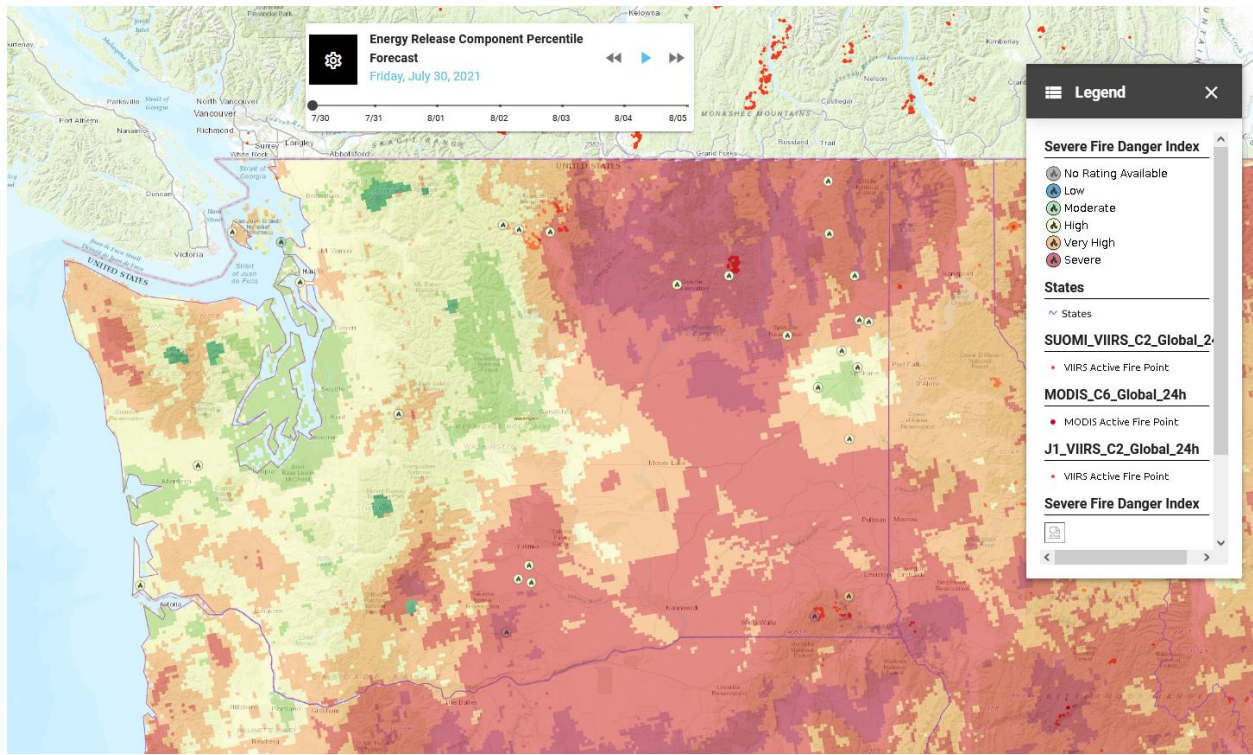
Western Washington –Today and Saturday will be a significant test. Fuels are critically dry, the atmosphere is unstable with high Haines index, and RH values will be below the critical thresholds for large fire growth except along the coast. At these RH values our shaded 1hr fuels, moss and lichens are available to burn, and with unstable conditions, there is a high potential for vigorous fire behavior. In addition, vegetation stress may cause normally fire resistant vegetation types with uncharacteristic intensity. There is some precipitation in the forecast for late next week, but in keeping with the doom and gloom theme, there is a chance for it to be preceded by lightning, and given the fuel status, very high ignition efficiency should be expected.



Severe Fire Danger Index with active fires in the last 48 hours shown and VIIRS/MODIS hot spots.
(wildfiresafe.technosylva.com)



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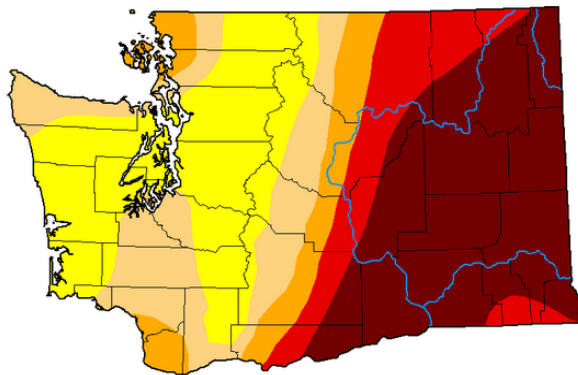
ERC Friday 7/30/2021

Washington

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Map released: Thurs. July 29, 2021

Data valid: July 27, 2021 at 8 a.m. EDT



Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

Authors

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Brad Rippey, U.S. Department of Agriculture

Pacific Islands and Virgin Islands Author(s):
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*The Drought Monitor focuses on broad-scale conditions.
Local conditions may vary. See accompanying [text summary](#) for forecast statements.*

Updated Drought Status as of 7/27/2021

Date Issued: 7/30/2021



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Fuel Conditions by Fire Danger Rating Area:

FDRA	Fire Danger	ERC (±)	BI (±)	Live Fuel Avg (±)	100 hour(±)	1000 Hr(±)
Methow	EXTREME	100(+1)	100(+3)	90(-10)	8(0)	
Chelan	EXTREME	99(0)	98(+2)	90(0)	10(0)	
Upper Yakima	EXTREME	99(0)	99(+2)	125(0)	10(0)	
Lower Yakima	EXTREME	98(+3)	96(+10)	120(-10)	11(0)	
Valley	EXTREME	99(-1)	97(+1)	60(0)	11(+1)	
Upper Basin	EXTREME	100(0)	98(0)	Dormant	8(0)	
Lower Basin	EXTREME	97(+1)	92(+7)	Dormant	11(0)	
Highlands	EXTREME	100(0)	100(0)	80(-10)	8(0)	
Foothills	Very High	95(-2)	95(+2)	100(+10)	14(+1)	
Kaniksu	EXTREME	100(0)	99(0)	120(0)	11(+1)	
Blue Mts	EXTREME	99(+1)	100(+4)	100(0)	9(0)	
Coast	Very High	98(+2)	98(+2)	174(-6)	13(-3)	17(-1)
Olympics	High	97(+2)	97(+1)	191(-3)	13(-2)	16(-1)
Cascade South	High	98(+3)	98(+4)	72(-5)	14(-2)	16(0)
Cascade Central	High	99(+3)	99(+1)	141(-6)	15(-2)	16(0)
Cascade North	High	97(+1)	99(+2)	191(-2)	16(-1)	17(0)
Lowlands South	High	98(+3)	98(+4)	70(-10)	16(0)	16(-1)
Lowlands Central	Very High	99(+1)	99(+2)	147(-5)	16(0)	17(0)
Lowlands North	High	98(+1)	99(+1)	182(-4)	14(-1)	16(0)

**Note: indicated Adjective Fire Danger rating may not be the same as the publicly posted fire danger.

All ERC and BI values are in percentiles.